

Nuclear Security Activities



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Long Term Goals from 2003 RIC

- Implement revised DBT and related Orders
- Complete vulnerability assessments and consequence analyses
- Rebaseline security inspection program
- Enhance response and preparedness
- Ensure appropriate level of security for spectrum of licensees
- Provide regulatory stability

Implement Revised DBT and Related Orders

- 2003 Reactor Security Orders
 - Access Authorization
 - Training and Qualifications
 - Security Officer Work-Hour Limits
 - Revised DBT
- Development of Guidance Documents
- Approval of Templates for Security Plans
- NRC Review and Approval Process

Vulnerability Assessments and Consequence Analyses

- Detailed analyses have been undertaken for a broad range of threats
- Broad use of NRC and contracted expertise
- Mitigative strategies have and will continue to be developed to minimize potential vulnerabilities

Baseline Security Inspection Program

- Revised baseline inspection program developed in concert with Regions and NRR
- Commensurate increase in inspection resources
- Nationwide training completed in January 2004
- Commencement of program in February 2004
- Security interface within ROP under consideration
- Revised Physical Protection Significance Determination Process (SDP) Pilot under review
- Revise performance indicators

Response and Preparedness

- Coordination among security, operations, offsite response and emergency preparedness programs is essential
- Ongoing exercises of capabilities, roles and responsibilities
- Focus upon interagency integrated response planning and implementation
- Establishment of protocols with NORAD
- Considerations beyond DBT

Security Enhancements to the Spectrum of NRC Licensees

- Fuel facilities
- Decommissioning reactors
- Independent spent fuel storage installations
- Spent fuel transportation
- Research and test reactors
- Materials licensees
 - Panoramic irradiators
 - Manufacturers and Distributors
- LQ RAM transportation

Force-on-Force Exercises

- Post-9/11 enhanced pilot Force-on-Force (FOF) exercise program complete
- Transitional FOF exercise program in progress
- Fully enhanced FOF program by end of 2004
- Areas of focus:
 - Use of MILES
 - Adversary realism
 - Controller training
 - Exercise format and content
 - JCATS

Regulatory Stability

- Transition from policy development to licensee implementation
- Incorporation of insights from vulnerability assessments
- Approval of templates for licensing activities
- Discipline and consistency in inspection activities and the disposition of findings
- Compatible rulemaking

Looking Forward

- Review and approve revised security plans
- Verify compliance with DBT and reactor security Orders
- Implement enhanced oversight process
- Improve Safeguards Information guidance
- Optimize the number of licensee personnel with access to national security information
- Coordinate and exercise Integrated Response Plans
- Complete vulnerability assessments
- Initiate rulemaking